



DANA FRAKTMAN - GLOBAL PETROLEUM  
ROSALIE RUFFINO - SPRAGUE ENERGY (V-03-0759)

ANALYTICAL REPORT NO: 661491/ P41301044

SHORE TANK # 11 (AFTER DISCHARGE T/B BFT 300)  
SPRAGUE ENERGY, QUINCY, MA  
# 6 FUEL OIL ON APRIL 12, 2003

<u>TESTS</u>	<u>METHODS</u>	<u>RESULTS</u>
GRAVITY, API @ 60 DEG F.	ASTM D 4052	14.8
FLASH POINT, F	ASTM D 93	>200
SEDIMENT & WATER, VOL. %	ASTM D 1796	0.20
SEDIMENT BY EXTRACTION, WT. %	ASTM D 473	0.05
VISCOSITY, @ 122 F, SFS/CST	ASTM D 445	47.8
POUR POINT, C	ASTM D 97	+9
SULFUR, WT. %	ASTM D 4294	0.474
ASH, WT. %	ASTM D 482	0.06
GROSS BTU, LB. / GAL.	CALCULATED	18,532/149,275
NITROGEN, WT. %	ASTM D 5762	0.28
ASPHALTENES, WT. %	IP 143	1.3
CONRADSON CARBON RES. WT. %	ASTM D 189	5.5
WATER BY DISTILLATION, VOL. %	ASTM D 95	0.2
SODIUM, PPM WT.	ASTM D 5863	22
VANADIUM, PPM WT.	ASTM D 5863	6

THE ATTACHED CERTIFICATE REPRESENTS THE PRODUCT INSPECTED  
BY THE INSPECTION SERVICE ON THE DATE STATED ON THE  
CERTIFICATE IN THE TANK STATED BY THE INSPECTION SERVICE. SPRAGUE  
REPRESENTS THAT ANY PRODUCT IT MAY SELL AT THE TANK MAY DIFFER  
FROM SUCH INSPECTION CERTIFICATE BUT SUCH PRODUCT SHALL  
MEET THE SPECIFICATIONS AS MAY BE REQUIRED BY ANY APPLICABLE  
REGULATIONS WITHIN THE STATE THAT THE PRODUCT IS SOLD.

SGS OIL, GAS & CHEMICALS  
BOSTON - APRIL 14, 2003

JEFFREY L. SEELEY

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Approved, 7/16/02 S.Mitchell

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